

FIG. 1

# FPT 3000 Evaporative System Pressure Tester Electronics Block Diagram

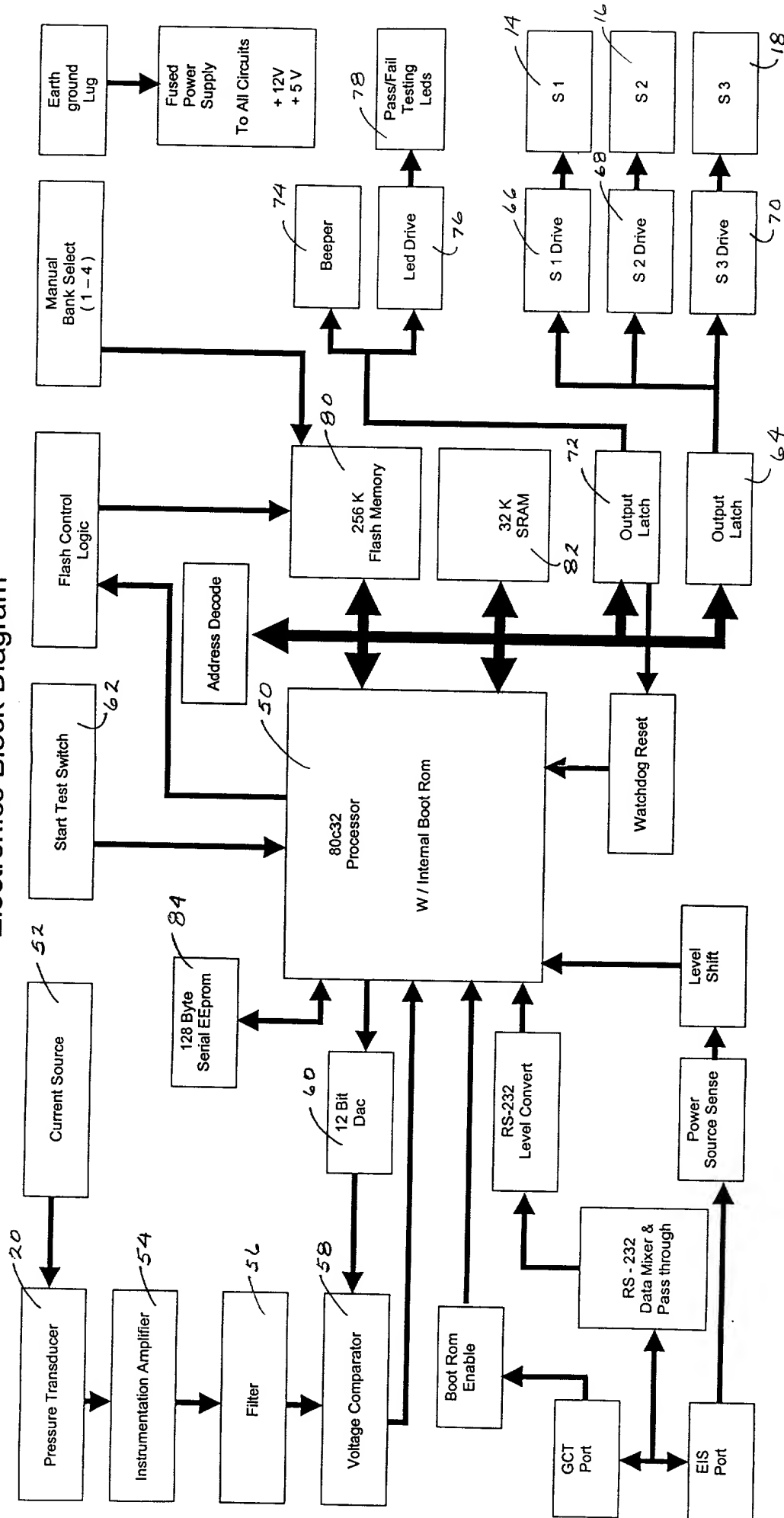
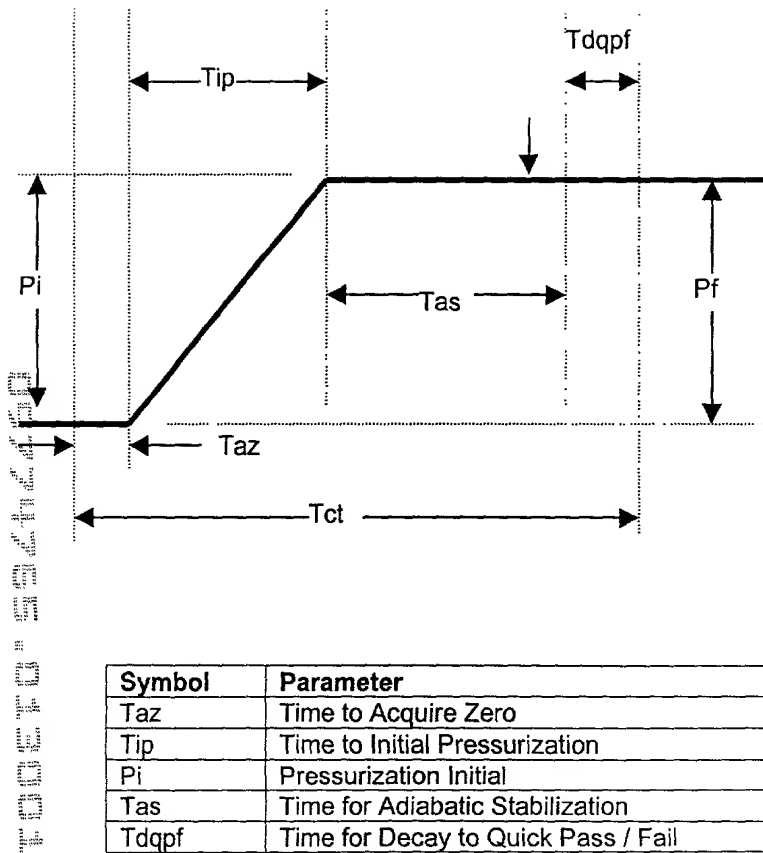
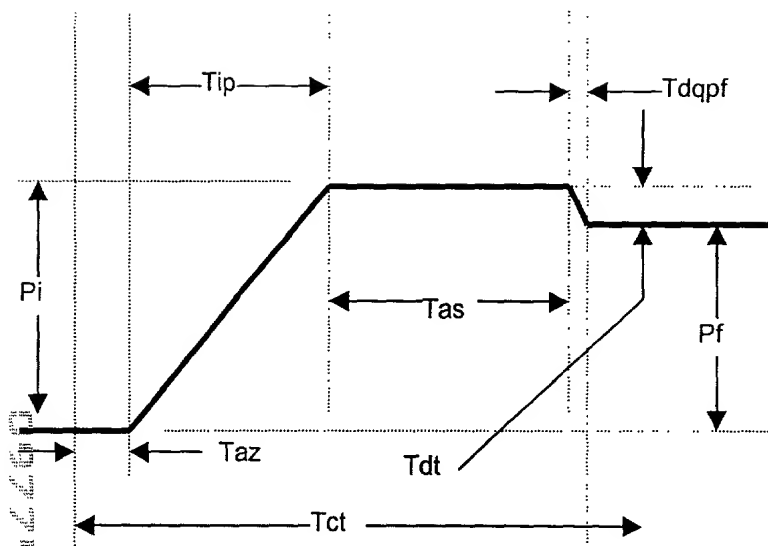


FIG. 2



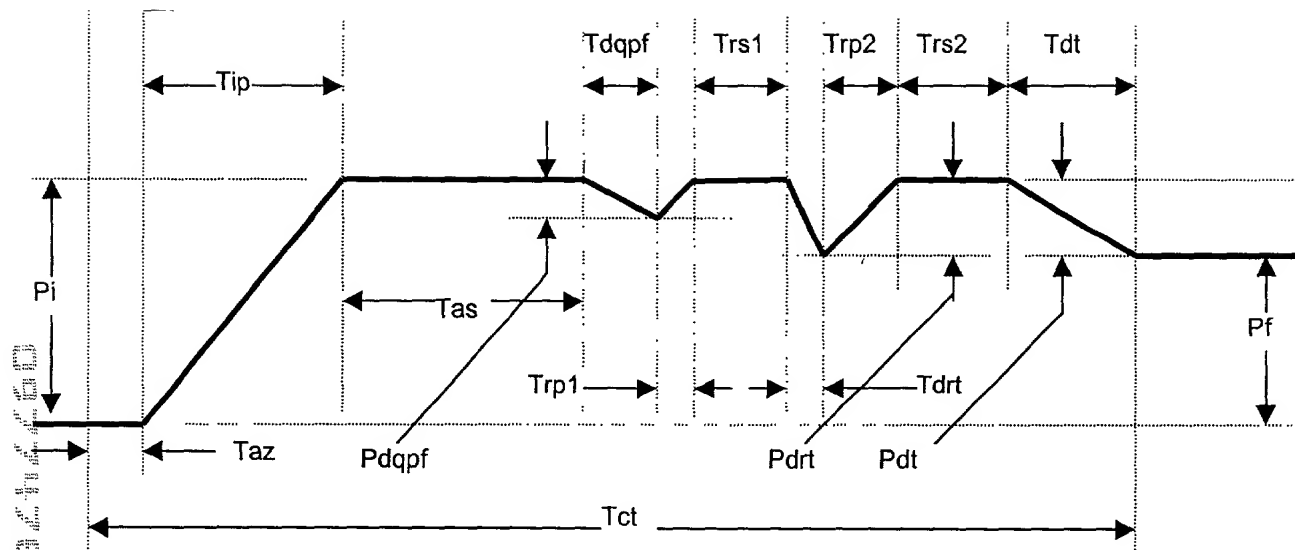
Symbol	Parameter	Typ.	Unit
Taz	Time to Acquire Zero	5	Seconds
Tip	Time to Initial Pressurization	60	Seconds
Pi	Pressurization Initial	14.5	Inches H2O
Tas	Time for Adiabatic Stabilization	60	Seconds
Tdcpf	Time for Decay to Quick Pass / Fail	30	Seconds
Pf	Pressure Final	14.5	Inches H2O
Tct	Time to Complete Test	155	Seconds

FIG. 3



Symbol	Parameter	Typ.	Unit
Taz	Time to Acquire Zero	5	Seconds
Tip	Time to Initial Pressurization	60	Seconds
Pi	Pressurization Initial	14.5	Inches H2O
Tas	Time for Adiabatic Stabilization	60	Seconds
Tdqp	Time for Decay to Quick Pass / Fail	5	Seconds
Pdqp	Pressure Decay to Quick Pass / Fail	0.75	Inches H2O
Pf	Pressure Final	14.5	Inches H2O
Tct	Time to Complete Test	130	Seconds

FIG. 4



Symbol	Parameter	Typ.	Unit
$T_{az}$	Time to Acquire Zero	5	Seconds
$T_{ip}$	Time to Initial Pressurization	60	Seconds
$P_i$	Pressurization Initial	14.5	Inches H <sub>2</sub> O
$T_{as}$	Time for Adiabatic Stabilization	60	Seconds
$T_{dcpf}$	Time for Decay to Quick Pass / Fail	20	Seconds
$P_{dcpf}$	Pressure Decay to Quick Pass / Fail	0.75	Inches H <sub>2</sub> O
$T_{rp1}$	Time to Recover Pressure 1	5	Seconds
$T_{rs1}$	Time to Recover Stability 1	30	Seconds
$T_{dr1}$	Time for Decay Reference and Tank	20	Seconds
$P_{dr1}$	Pressure Decay for Reference and Tank	1.5	Inches H <sub>2</sub> O
$T_{rp2}$	Time to Recover Pressure 2	10	Seconds
$T_{rs2}$	Time to Recover Stability 2	30	Seconds
$T_{dt}$	Time to decay Tank	40	Seconds
$P_{dt}$	Pressure Decay Tank	1.5	Inches H <sub>2</sub> O
$P_f$	Pressure Final	13.0	Inches H <sub>2</sub> O
$T_{ct}$	Time to Complete Test	280	Seconds

FIG. 5